

Work Order ID 84877

84877

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May 29, 2012 7:21:08 AM

Item ID: D4305-3 Accept ***N900040100*** Setup Start ***NS1***
 Revision ID: Stop ***NS2***
 Item Name: Connector Half
 Start Date: 5/29/12 Start Qty: 3.00 ***3*** Cust Item ID:
 Required Date: 5/31/12 Req'd Qty: 3.00 ***3*** Customer:
 Reference:

Approvals: Process Plan: CL Date: 12/05/29 Tooling: Date: Run Start ***NR1***
 QC: Date: SPC (Y/N): Date: Stop ***NR2***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
--------------------------------	--------------------------	----------------------	---------	--------	--------------	---------------	---------------	------------------	----------------

Draw Nbr	Revision Nbr
D4305	A

100 0.00
100
 Purchasing Memo 0.00
 Purchasing Issue P/O: 17070
 Supplier: AMSAFE P#4181-2031912394
 Material release note required

CL 12/05/29 (3)

110 Receive & Inspect for Damage & Mat'l Certs 0.00
110
 Packaging Memo 0.00
 Packaging

12/06/07 (3)

120 QC6- Inspect dimensions to drawing 0.00
120
 QC Memo 0.00
 Quality Control

8/2/01

(3)

(3)

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

May 29, 2012 7:21:08 AM

Item ID: D4305-3

Accept

N900040100

Setup Start *NS1*

Revision ID:

Item Name: Connector Half

Stop *NS2*

Start Date: 5/29/12 **Start Qty:** 3.00

3

Cust Item ID:

Required Date: 5/31/12 **Req'd Qty:** 3.00

3

Customer:

Reference:

Approvals: **Process Plan:** _____ **Date:** _____ **Tooling:** _____ **Date:** _____

Run Start *NR1*

QC: _____ Date: _____ SPC (Y/N): _____ Date: _____

Stop *NR2*

Sequence ID/
Work Center ID

Operation Description

Set Up/ Run Hours

Tool ID

Tool #

**Plan
Code**

Accept
Qty

Reject
QtyReject
Number

**Insp.
Stamp**

130

Identify as per dwg & Stock Location: 15

0.00

130

Packaging

Memo

0.00

Packaging

140

QC21- Final Inspection - Work Order Release

0.00

140

QC

Memo

0.00

Quality Control

ML5 12/06/01

MF
12-06-07

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Picklist Print

May 29, 2012 7:21:08 AM

Page 1

Work Order ID: 84877

Parent Item: D4305-3

Parent Item Name: Connector Half

Start Date: 5/29/12

Required Date: 5/31/12

Start Qty: 3.00

Required Qty: 3.00

Comments: IPP Rev:A 11.03.01 new issue DD verf:EC

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
4181-203 Connector Half		Purchased	No			110	Each	0.0000	1	3			

4181-2031912396

42/6/12 (3)

Dart Aerospace Ltd

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

TRIM & FINISH CODE TABLE													
CODE	L1	L2	L3	L4	L5	L6	CONFIGURATION	ITEM 4	ITEM 13	I.R. ORIENTATION	ITEM 14/QTY	LABEL	LAP CONFIG
01	24.00	24.00	40.00	85.00	18.00	30.00	L.H. FIXED	504928-401	501954B-030	BOTTOM DOWN	1	ITEM 10	VIEW A
02	24.00	24.00	40.00	85.00	18.00	30.00	R.H. FIXED	504928-402	501954B-030	BOTTOM DOWN	1	ITEM 10	VIEW A
03	24.00	24.00	40.00	85.00	18.00	22.00	L.H. FIXED	504928-401	501954B-022	BOTTOM DOWN	1	ITEM 10	VIEW A
04	24.00	24.00	40.00	85.00	18.00	22.00	R.H. FIXED	504928-402	501954B-022	BOTTOM DOWN	1	ITEM 10	VIEW A
05	24.00	24.00	40.00	85.00	18.00	40.00	L.H. FIXED	504928-401	501954B-040	BOTTOM DOWN	1	ITEM 10	VIEW A
06	24.00	24.00	40.00	85.00	18.00	40.00	R.H. FIXED	504928-402	501954B-040	BOTTOM DOWN	1	ITEM 10	VIEW A
07	26.00	26.00	25.00	58.50	11.00	40.00	L.H. FIXED	504928-401	501954B-040	BOTTOM DOWN	1	ITEM 10	VIEW A
08	26.00	26.00	25.00	58.50	11.00	40.00	R.H. FIXED	504928-402	501954B-040	BOTTOM DOWN	1	ITEM 10	VIEW A
09	41.00	41.00	40.00	85.00	18.00	27.50	L.H. FIXED	504928-401	501954-455	BOTTOM DOWN	1	ITEM 10	VIEW A
10	41.00	41.00	40.00	85.00	18.00	27.50	R.H. FIXED	504928-402	501954-455	BOTTOM DOWN	1	ITEM 10	VIEW A
11	26.00	26.00	25.00	58.50	11.00	40.00	L.H. FIXED	504928-401	501954B-040	BOTTOM DOWN	0	ITEM 10	VIEW A
12	26.00	26.00	25.00	58.50	11.00	40.00	R.H. FIXED	504928-402	501954B-040	BOTTOM DOWN	0	ITEM 10	VIEW A
13	41.00	41.00	40.00	85.00	18.00	27.50	L.H. FIXED	504928-401	501954-455	BOTTOM UP	1	ITEM 10	VIEW A
14	41.00	41.00	40.00	85.00	18.00	27.50	R.H. FIXED	504928-402	501954-455	BOTTOM UP	1	ITEM 10	VIEW A
15	24.00	24.00	40.00	85.00	18.00	30.00	L.H. FIXED	504928-401	501954B-030	BOTTOM DOWN	1	ITEM 15	VIEW A
16	24.00	24.00	40.00	85.00	18.00	30.00	R.H. FIXED	504928-402	501954B-030	BOTTOM DOWN	1	ITEM 15	VIEW A
17	27.00	27.00	40.00	85.00	18.00	30.00	L.H. FIXED	504928-401	501954B-030	BOTTOM DOWN	1	ITEM 15	VIEW A
18	27.00	27.00	40.00	85.00	18.00	30.00	R.H. FIXED	504928-402	501954B-030	BOTTOM DOWN	1	ITEM 15	VIEW A
19	30.00	30.00	40.00	85.00	18.00	22.00	L.H. FIXED	504928-401	501954B-022	BOTTOM DOWN	1	ITEM 15	VIEW B

PLATING CODE TABLE	
CODE	FINISH
1	STANDARD FINISH

THIS DRAWING CONTAINS PROPRIETARY DESIGNS, SPECIFICATIONS, DATA, INFORMATION, AND TECHNICAL MATERIAL THAT ARE THE SOLE PROPERTY OF AMSAFE, INC. TO BE HELD AND TREATED BY THE RECIPIENT ON CONFIDENTIAL, DENSE, AND NOT TO BE REPRODUCED, REPRODUCED OR MANUFACTURED WITHOUT THE WRITTEN PERMISSION OF AMSAFE, INC.

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
F	REVISED PER ECR8246	8-21-09	DG
G	REVISED PER ECR9110	2-2-11	DG MB
H	REVISED NOTES 283, ADDED T&F CODES 1718 ECR 9175	3-15-11	DG MB
J	REVISED PER ECR10038	5-17-12	DG MB

1 ALL DIMENSIONS ARE FULLY EXTENDED (WHERE APPLICABLE).

△ LABEL TO INCLUDE THE FOLLOWING INFORMATION:
 AMSAFE INC., 1043 N. 47TH AVE, PHOENIX, AZ 85043
 PART NO. SEE NOTE 5
 SUB-ASSY: SEE NOTE 6
 CUST PN: IF REQ'D, SEE SALES ORDER
 DATE OF MFG. RATED: 3000 LBS
 CONFORMS TO FAA TSO-C114

△ SEE TRIM & FINISH CODE TABLE FOR LABEL REQTS.

△ INSTALL PER 500910-1.

△ DECAL TO READ AS FOLLOWS:
 AMSAFE INC., 1043 N. 47TH AVE, PHOENIX, AZ 85043
 PART NO. SEE NOTE 5
 SUB-ASSY: SEE NOTE 6
 CUST PN: IF REQ'D, SEE SALES ORDER
 CALB. 75-1.5g
 DATE OF MFG. RATED: 2500 LBS
 CONFORMS TO FAA TSO-C114

△ FOR WEBBING AND THREAD PART NO/COLOR/
 SPECIFICATION/SOURCE SEE DWG NO 502669.

5 PART NUMBER CODE

4181-X-XXX-XXXX

LAST 4 DIGITS OF WEB PN
 PLATING CODE (1 THRU 9 THEN A THRU Z)
 TRIM & FINISH CODE (01 THRU 99)
 CONFIGURATION (1 THRU 9)
 DRAWING NO.

6 SUB-ASSY CODE

4181-XXXXXXX

LAST 4 DIGITS OF WEB PN
 PLATING CODE (1 THRU 9 THEN A THRU Z)
 TRIM & FINISH CODE (01 THRU 99)
 SUB-ASSY (201 THRU 399)
 DRAWING NO.

△ FOR COMPLETE PART NO & SUB-ASSY NO. SEE NOTES 5 & 6.

8 REPAIR OR DISASSEMBLY OF THIS SYSTEM MAY BE CARRIED OUT ONLY BY AMSAFE INC (USA) OR AMSAFE LTD (UK) OR AN AMSAFE APPROVED REPAIR STATION. AMSAFE INC IS NOT RESPONSIBLE FOR DAMAGE OR MALFUNCTION RESULTING FROM ANY UNAUTHORIZED ATTEMPT TO REPAIR OR DISASSEMBLE THE RESTRAINT SYSTEM.

9 PRODUCTION TEST PER E503402-1.

10 THE CONDITIONS AND TEST REQUIRED FOR TSO APPROVAL OF THIS ARTICLE ARE MINIMUM PERFORMANCE STANDARDS. IT IS THE RESPONSIBILITY OF THOSE DESIGNS TO INSTALL THE ARTICLE EITHER ON OR WITHIN A SPECIFIC TYPE OR CLASS OF AIRCRAFT TO DETERMINE THAT THE AIRCRAFT INSTALLATION CONDITIONS ARE WITHIN THE TSO STANDARDS. THE ARTICLE MAY BE INSTALLED ONLY IF FURTHER EVALUATION BY THE APPLICANT (USER/INSTALLER) DOCUMENTS AN ACCEPTABLE INSTALLATION AND IS APPROVED BY THE ADMINISTRATOR.

11 THIS ASSY CONFORMS TO FAA TSO-C114.

△ FOR COMPLETE PART NO. SEE TRIM & FINISH CODE TABLE.

△ FOR ITEM 14 REQTS. SEE TRIM & FINISH CODE TABLE.

CD 12/05/129
 W10: 84877

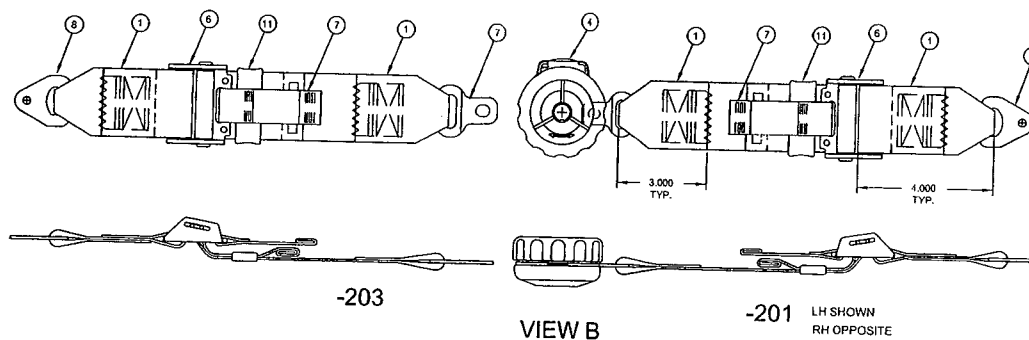
REVISIONS TO THIS DWG MAY EFFECT ACM 25-20-117


447664	LABEL	15
502224-3	COVER INERTIA REEL	14
501954B-△	CABLE ASSY	13
501947-401	HANDLE ASSY	12
503964-1	WEB SLIDE	11
444898-19	LABEL	10
502045-555	INERTIA REEL ASSY	9
501743-21-72	END FITTING	8
500976-425	PULL TAB	7
503050-409	ADJUSTER ASSY	6
502199-9	CONNECTOR	5
504928-△	BUCKLE ASSY	4
△	THREAD 69	3
△	THREAD 207	2
△	WEBBING, POLYESTER T1200-5	CLIC/CLUST. REQ. 1
4181-209-△	SHOULDER HARNESS	
4181-207-△	SHOULDER HARNESS	
4181-205-△	SHOULDER HARNESS	
4181-203-△	CONNECTOR HALF	
4181-201-△	BUCKLE HALF	
4181-3-△	RESTRAINT SYSTEM ASSY.	
4181-2-△	RESTRAINT SYSTEM ASSY.	
4181-1-△	RESTRAINT SYSTEM ASSY.	

QTY. REQ. PER ASSY	LIST OF MATERIAL
UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES. METRIC ARE IN PARENTHESIS () DO NOT SCALE DRAWING. TOLERANCES: XXX.XX .XXXg .250 ANGLES ±1° DIMENSIONS APPLY AFTER PROCESSING BREAK SHARP EDGES .003 ±.010 DRAWING INTERPRETATION PER ASME Y14.5M-1994	<p>AmSafe, Incorporated 1043 N. 47TH AVE, PHOENIX, AZ USA 85043 PH: 1-(602)8502850 FAX: 1-(602)8502812</p> <p>DRAWN: Z. ESTRADA 03/20/08 CHECK: D. GOETZ 3/26/09 DESIGN: D. GOETZ 4-18-08 PROJ: B. BURNS 4-18-08 SCALE: 1/2 WT.</p> <p>DWG TITLE RESTRAINT SYSTEM ASSEMBLY</p> <p>REV 001 REV 002 REV 003 REV 004 REV 005 REV 006 REV 007 REV 008 REV 009 REV 010 REV 011 REV 012 REV 013 REV 014 REV 015 REV 016 REV 017 REV 018 REV 019 REV 020 REV 021 REV 022 REV 023 REV 024 REV 025 REV 026 REV 027 REV 028 REV 029 REV 030 REV 031 REV 032 REV 033 REV 034 REV 035 REV 036 REV 037 REV 038 REV 039 REV 040 REV 041 REV 042 REV 043 REV 044 REV 045 REV 046 REV 047 REV 048 REV 049 REV 050 REV 051 REV 052 REV 053 REV 054 REV 055 REV 056 REV 057 REV 058 REV 059 REV 060 REV 061 REV 062 REV 063 REV 064 REV 065 REV 066 REV 067 REV 068 REV 069 REV 070 REV 071 REV 072 REV 073 REV 074 REV 075 REV 076 REV 077 REV 078 REV 079 REV 080 REV 081 REV 082 REV 083 REV 084 REV 085 REV 086 REV 087 REV 088 REV 089 REV 090 REV 091 REV 092 REV 093 REV 094 REV 095 REV 096 REV 097 REV 098 REV 099 REV 100 REV 101 REV 102 REV 103 REV 104 REV 105 REV 106 REV 107 REV 108 REV 109 REV 110 REV 111 REV 112 REV 113 REV 114 REV 115 REV 116 REV 117 REV 118 REV 119 REV 120 REV 121 REV 122 REV 123 REV 124 REV 125 REV 126 REV 127 REV 128 REV 129 REV 130 REV 131 REV 132 REV 133 REV 134 REV 135 REV 136 REV 137 REV 138 REV 139 REV 140 REV 141 REV 142 REV 143 REV 144 REV 145 REV 146 REV 147 REV 148 REV 149 REV 150 REV 151 REV 152 REV 153 REV 154 REV 155 REV 156 REV 157 REV 158 REV 159 REV 160 REV 161 REV 162 REV 163 REV 164 REV 165 REV 166 REV 167 REV 168 REV 169 REV 170 REV 171 REV 172 REV 173 REV 174 REV 175 REV 176 REV 177 REV 178 REV 179 REV 180 REV 181 REV 182 REV 183 REV 184 REV 185 REV 186 REV 187 REV 188 REV 189 REV 190 REV 191 REV 192 REV 193 REV 194 REV 195 REV 196 REV 197 REV 198 REV 199 REV 200 REV 201 REV 202 REV 203 REV 204 REV 205 REV 206 REV 207 REV 208 REV 209 REV 210 REV 211 REV 212 REV 213 REV 214 REV 215 REV 216 REV 217 REV 218 REV 219 REV 220 REV 221 REV 222 REV 223 REV 224 REV 225 REV 226 REV 227 REV 228 REV 229 REV 230 REV 231 REV 232 REV 233 REV 234 REV 235 REV 236 REV 237 REV 238 REV 239 REV 240 REV 241 REV 242 REV 243 REV 244 REV 245 REV 246 REV 247 REV 248 REV 249 REV 250 REV 251 REV 252 REV 253 REV 254 REV 255 REV 256 REV 257 REV 258 REV 259 REV 260 REV 261 REV 262 REV 263 REV 264 REV 265 REV 266 REV 267 REV 268 REV 269 REV 270 REV 271 REV 272 REV 273 REV 274 REV 275 REV 276 REV 277 REV 278 REV 279 REV 280 REV 281 REV 282 REV 283 REV 284 REV 285 REV 286 REV 287 REV 288 REV 289 REV 290 REV 291 REV 292 REV 293 REV 294 REV 295 REV 296 REV 297 REV 298 REV 299 REV 300 REV 301 REV 302 REV 303 REV 304 REV 305 REV 306 REV 307 REV 308 REV 309 REV 310 REV 311 REV 312 REV 313 REV 314 REV 315 REV 316 REV 317 REV 318 REV 319 REV 320 REV 321 REV 322 REV 323 REV 324 REV 325 REV 326 REV 327 REV 328 REV 329 REV 330 REV 331 REV 332 REV 333 REV 334 REV 335 REV 336 REV 337 REV 338 REV 339 REV 340 REV 341 REV 342 REV 343 REV 344 REV 345 REV 346 REV 347 REV 348 REV 349 REV 350 REV 351 REV 352 REV 353 REV 354 REV 355 REV 356 REV 357 REV 358 REV 359 REV 360 REV 361 REV 362 REV 363 REV 364 REV 365 REV 366 REV 367 REV 368 REV 369 REV 370 REV 371 REV 372 REV 373 REV 374 REV 375 REV 376 REV 377 REV 378 REV 379 REV 380 REV 381 REV 382 REV 383 REV 384 REV 385 REV 386 REV 387 REV 388 REV 389 REV 390 REV 391 REV 392 REV 393 REV 394 REV 395 REV 396 REV 397 REV 398 REV 399 REV 400 REV 401 REV 402 REV 403 REV 404 REV 405 REV 406 REV 407 REV 408 REV 409 REV 410 REV 411 REV 412 REV 413 REV 414 REV 415 REV 416 REV 417 REV 418 REV 419 REV 420 REV 421 REV 422 REV 423 REV 424 REV 425 REV 426 REV 427 REV 428 REV 429 REV 430 REV 431 REV 432 REV 433 REV 434 REV 435 REV 436 REV 437 REV 438 REV 439 REV 440 REV 441 REV 442 REV 443 REV 444 REV 445 REV 446 REV 447 REV 448 REV 449 REV 450 REV 451 REV 452 REV 453 REV 454 REV 455 REV 456 REV 457 REV 458 REV 459 REV 460 REV 461 REV 462 REV 463 REV 464 REV 465 REV 466 REV 467 REV 468 REV 469 REV 470 REV 471 REV 472 REV 473 REV 474 REV 475 REV 476 REV 477 REV 478 REV 479 REV 480 REV 481 REV 482 REV 483 REV 484 REV 485 REV 486 REV 487 REV 488 REV 489 REV 490 REV 491 REV 492 REV 493 REV 494 REV 495 REV 496 REV 497 REV 498 REV 499 REV 500 REV 501 REV 502 REV 503 REV 504 REV 505 REV 506 REV 507 REV 508 REV 509 REV 510 REV 511 REV 512 REV 513 REV 514 REV 515 REV 516 REV 517 REV 518 REV 519 REV 520 REV 521 REV 522 REV 523 REV 524 REV 525 REV 526 REV 527 REV 528 REV 529 REV 530 REV 531 REV 532 REV 533 REV 534 REV 535 REV 536 REV 537 REV 538 REV 539 REV 540 REV 541 REV 542 REV 543 REV 544 REV 545 REV 546 REV 547 REV 548 REV 549 REV 550 REV 551 REV 552 REV 553 REV 554 REV 555 REV 556 REV 557 REV 558 REV 559 REV 560 REV 561 REV 562 REV 563 REV 564 REV 565 REV 566 REV 567 REV 568 REV 569 REV 570 REV 571 REV 572 REV 573 REV 574 REV 575 REV 576 REV 577 REV 578 REV 579 REV 580 REV 581 REV 582 REV 583 REV 584 REV 585 REV 586 REV 587 REV 588 REV 589 REV 590 REV 591 REV 592 REV 593 REV 594 REV 595 REV 596 REV 597 REV 598 REV 599 REV 600 REV 601 REV 602 REV 603 REV 604 REV 605 REV 606 REV 607 REV 608 REV 609 REV 610 REV 611 REV 612 REV 613 REV 614 REV 615 REV 616 REV 617 REV 618 REV 619 REV 620 REV 621 REV 622 REV 623 REV 624 REV 625 REV 626 REV 627 REV 628 REV 629 REV 630 REV 631 REV 632 REV 633 REV 634 REV 635 REV 636 REV 637 REV 638 REV 639 REV 640 REV 641 REV 642 REV 643 REV 644 REV 645 REV 646 REV 647 REV 648 REV 649 REV 650 REV 651 REV 652 REV 653 REV 654 REV 655 REV 656 REV 657 REV 658 REV 659 REV 660 REV 661 REV 662 REV 663 REV 664 REV 665 REV 666 REV 667 REV 668 REV 669 REV 670 REV 671 REV 672 REV 673 REV 674 REV 675 REV 676 REV 677 REV 678 REV 679 REV 680 REV 681 REV 682 REV 683 REV 684 REV 685 REV 686 REV 687 REV 688 REV 689 REV 690 REV 691 REV 692 REV 693 REV 694 REV 695 REV 696 REV 697 REV 698 REV 699 REV 700 REV 701 REV 702 REV 703 REV 704 REV 705 REV 706 REV 707 REV 708 REV 709 REV 710 REV 711 REV 712 REV 713 REV 714 REV 715 REV 716 REV 717 REV 718 REV 719 REV 720 REV 721 REV 722 REV 723 REV 724 REV 725 REV 726 REV 727 REV 728 REV 729 REV 730 REV 731 REV 732 REV 733 REV 734 REV 735 REV 736 REV 737 REV 738 REV 739 REV 740 REV 741 REV 742 REV 743 REV 744 REV 745 REV 746 REV 747 REV 748 REV 749 REV 750 REV 751 REV 752 REV 753 REV 754 REV 755 REV 756 REV 757 REV 758 REV 759 REV 760 REV 761 REV 762 REV 763 REV 764 REV 765 REV 766 REV 767 REV 768 REV 769 REV 770 REV 771 REV 772 REV 773 REV 774 REV 775 REV 776 REV 777 REV 778 REV 779 REV 780 REV 781 REV 782 REV 783 REV 784 REV 785 REV 786 REV 787 REV 788 REV 789 REV 790 REV 791 REV 792 REV 793 REV 794 REV 795 REV 796 REV 797 REV 798 REV 799 REV 800 REV 801 REV 802 REV 803 REV 804 REV 805 REV 806 REV 807 REV 808 REV 809 REV 810 REV 811 REV 812 REV 813 REV 814 REV 815 REV 816 REV 817 REV 818 REV 819 REV 820 REV 821 REV 822 REV 823 REV 824 REV 825 REV 826 REV 827 REV 828 REV 829 REV 830 REV 831 REV 832 REV 833 REV 834 REV 835 REV 836 REV 837 REV 838 REV 839 REV 840 REV 841 REV 842 REV 843 REV 844 REV 845 REV 846 REV 847 REV 848 REV 849 REV 850 REV 851 REV 852 REV 853 REV 854 REV 855 REV 856 REV 857 REV 858 REV 859 REV 860 REV 861 REV 862 REV 863 REV 864 REV 865 REV 866 REV 867 REV 868 REV 869 REV 870 REV 871 REV 872 REV 873 REV 874 REV 875 REV 876 REV 877 REV 878 REV 879 REV 880 REV 881 REV 8</p>

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REVISIONS
SHEET 1



 AmSafe, Incorporated 10431 N. 47TH AVE., PHOENIX, AZ 85043 USA PH: 1-800-255-0250 FAX: 1-602-9503812				
DWG TITLE RESTRAINT SYSTEM ASSEMBLY				
SIZE D	CHG CODE 35FB9	DWG NO 4181	REVISED J	SHEET 3 OF 3

ENGINEERING ORDER

DRAWING NO. 4181		DRAWING TITLE: RESTRAINT SYSTEM ASSEMBLY		CHANGE ORIGATION:	
LTR: EO AMENDMENT		FAA: MAJOR MINOR 1 2		ECR: 10038 CUSTOMER: DART AEROSPACE ECR REQ BY: TOM HODGDON DATE OF REQUEST: 03-01-2011 ECR DUE DATE: 03-08-2011	
J		X X		HIGHER ASSY AFFECTED: YES NO X	
AFFECTED DOCUMENTS:		AFFECTED COMPONENTS:		ORIGINATED BY: R.ARNETT	
YES NO		REWORK USE AS IS SCRAP		ORIGINATION DATE: 5-14-12	
MFG/TEST/INSP X		STOCK ON HAND X		APPROVAL	
CMM/IPL 25-20-117 X		IN PROCESS (ASSY) X		ENGINEERING DATE	
PMA X		FINISHED (ASSY) X		5/17/12	
REGULATORY *		TOOLING YES NO		DESIGN DATE	
AFFECTED DOC NOS.		AFFECTED: X		5.15.12	
* FAA NOTIFICATION				QUALITY DATE	
REASON(S) FOR CHANGE				5-17-12	
CUSTOMER NEEDS THE LAP BELT ADJUSTMENT DIRECTION TO BE REVERSED.				MANUFACTURING DATE	
				5-17-12	
				MARKETING/CUST DATE	
				5.15.12	
				PLANNING DATE	
				5/17/12	
				RELEASE DATE	
				5-18-12	

DESCRIPTION OF CHANGE(S):

IN TRIM & FINISH CODE TABLE, ADDED LAP CONFIG COLUMN AND CODE 19.

ADDED ACM NOTATION ABOVE L/M.

ON SHEET 2, LABELED VIEW OF EXISTING LAP BELT AS VIEW A.

ADDED SHEET 3.

ADDED LAP BELT VIEW B (ON SHEET 3).



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID PO17070

Purchase Order Date 5/29/12

PO Print Date 5/29/12

Page Number 1 of 1

Order From :

VU-AMS001

AMSAFE INC.
LOCKBOX #5
P.O BOX 53075
PHOENIX, AZ 85072-3075
US

Contact Name

Vendor Phone 602 850 2850

Vendor Fax 602 850 2812

Vendor Account Nbr

Buyer

Chantal Lavoie

Requisition Nbr

Tax Resale Nbr 10127-2607

Terms

Net 30

Currency

USD

FOB

Destination-Collect

Ship To :

DART AEROSPACE LTD
1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

RECEIVED

Line Nbr	Reference Revision ID Vendor Part Number	Description/ Mfg ID	Req Date/ Taxable	Req Qty/ Unit of Measure	Ship Method	Unit Price	Extended Price
1	4181-2011912396	Buckle Half	5/31/12 Yes	3.00 Each	FedEx PI collect	\$72.1800	\$216.54
		Special Inst:	AS PER DWG D4305 REV. A B84876 AMSASE P/N:4181-2011912396				
2	4181-2031912396	Connector Half	5/31/12 Yes	3.00 Each	FedEx PI collect	\$203.4200	\$610.26
		Special Inst:	AS PER DWG D4305 REV. A B84877 AMSAFE P/N: 4181-2031912396				

PO Total:

\$826.80

CERTIFICATE OF CONFORMITY
REQ'D UPON DELIVERY

Change Nbr: 2

Change Date: 5/29/12

No substitution or deviation without
consent.

Certificate of Conformity or Material
Certification required YES NO

AmSafe

1043 NORTH 47th AVENUE
PHOENIX, AZ 85043
PH (602)850-2850 FAX (602)850-2812

SHIPPER/CERTIFICATION



CUSTOMER NO.
10006113

SALES ORDER NO.
S234270

BOL NO.
000267323

DATE PRINTED
05/31/12

PAGE NO
1

DART AEROSPACE
1270 ABERDEEN STREET
HAWKESBURY
ONTARIO, CANADA K6A 1K7
Canada

DART AEROSPACE LTD.
1270 ABERDEEN ST
HAWKSURRY,, ON K6A 1K7
Canada

CUSTOMER ORDER NO.
PO17070

TERMS
NET30

FREIGHT
COLLECT

SHIP VIA
FedEx P1 10:30 AM

F.O.B.
ORIGIN

Ship to ID: 10006125

Sales Order Remarks: 1517-9324-0

Remarks:

5/29/12 CHG:ADDED TOP ASSY P/N TO BOTH LINES

SHIPMENT REFERENCE 000267323

LINE	ITEM NUMBER / DESCRIPTION	DRAWING AND CERTIFICATIONS	DUE DATE	QTY ORDERED	QTY SHIPPED	QTY BACK ORDERED
1	4181-2011912396 BUCKLE HALF ASSY	DRAWING: 4181 REV: J CERT: TSO-C114 Lot/Serial Numbers Shipped Quantity S234270-1 3.0 TOP ASSY P/N 4181-2-191-2396	2012-05-30	3 Expire Ref.	3 3	0
2	4181-2031912396 CONN HALF ASSY	DRAWING: 4181 REV: J CERT: TSO-C114 Lot/Serial Numbers Shipped Quantity S234270-2 3.0 TOP ASSY P/N 4181-2-191-2396 <i>S234270</i>	2012-05-30	3 Expire Ref.	3 3	0

I certify that the article(s) listed above conform to all applicable design data, and (as applicable):

FAA PMA, FMVSS 209, FMVSS 302, 14 CFR 25.853

FAA TSO C22f, C22g, C114 or TSO Plus

The conditions and tests required for TSO approval of the article(s) are minimum performance standards. It is the responsibility of those installing the article(s) either on or within a specific type or class of aircraft to determine that the aircraft installation conditions are within the standards applicable to the TSO article including (when applicable) the integrated non-TSO function. The non-TSO function is described as the seat belt airbag system including the inflator cable assembly and electrical components that have not been evaluated for functionality or installation requirements. TSO articles including the integrated non-TSO function must have separate approval for installation in an aircraft. The article(s) may be installed only if performed under 14 CFR part 43 or the applicable airworthiness requirements. Product shipped meets all material, processing and test requirements. Certifications/Test reports as applicable are retained on file at AmSafe Aviation.

AmSafe Authorized Signature: X_____

Printed Name: _____

Dated: 5/31/12

COUNTRY OF ORIGIN USA

1. Approving National Aviation
Authority/Country:

FAA/United States

2.

AUTHORIZED RELEASE CERTIFICATE

FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG

3. Form Tracking Number:

5251278-2-000

4. Organization Name and Address:

AmSafe Aviation

1043 North 47th Avenue
Phoenix, Arizona 85043

Cert. No. PT1967NM

5. Work order/Contract/Invoice
Number: S234270 - 2

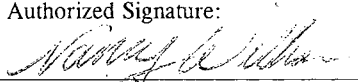
PAGES ATTACHED

6. Item:	7. Description:	8. Part Number:	9. Eligibility: *	10. Quantity:	11. Serial/Batch Number:	12. Status/Work:
1	CONN HALF ASSY	4181-2031912396	N/A	3	10512	NEW

13. Remarks: Drawing: 4181
Rev: J
TSO: TSO-C114

THIS PART IS A
SUBCOMPONENT OF A
FAA-TSO ARTICLE"

EXPORT AIRWORTHINESS APPROVAL: THIS ARTICLE MEETS THE SPECIAL REQUIREMENTS OF CANADA

14. Certifies the items identified above were manufactured in conformity to: <input checked="" type="checkbox"/> Approved design data and are in a condition for safe operation <input type="checkbox"/> Non-approved design data specified in Block 13.		19. <input type="checkbox"/> 14 CFR 43.9 Return to Service <input type="checkbox"/> Other regulation specified in Block 13 Certifies that unless otherwise specified in Block 13, the work identified in Block 12 and described in Block 13 was accomplished in accordance with Title 14, Code of Federal Regulations, part 43 and in respect to that work, the items are approved for return to service.	
15. Authorized Signature: 	16. Approval/Authorization No.: ODA602112NM	20. Authorized Signature	21. Authorized/Certificate No.
17. Name (typed or printed) Nancy Williamson	18. Date (m/d/y): May 13/2012	22. Names (typed or printed)	23. Date (m/d/y):

User/Installer Responsibilities

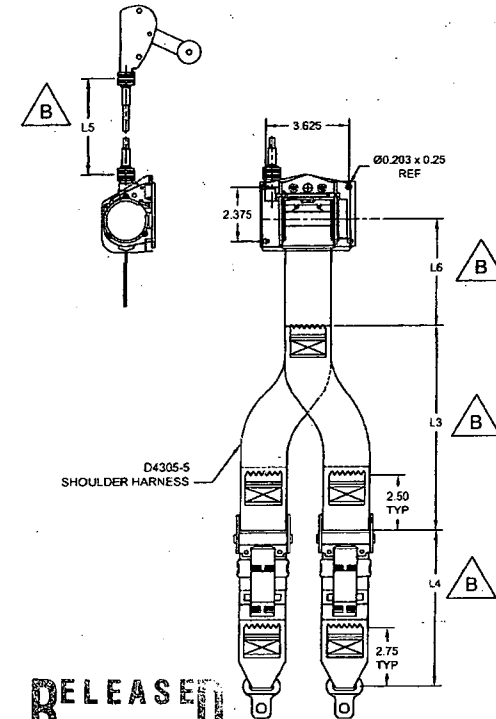
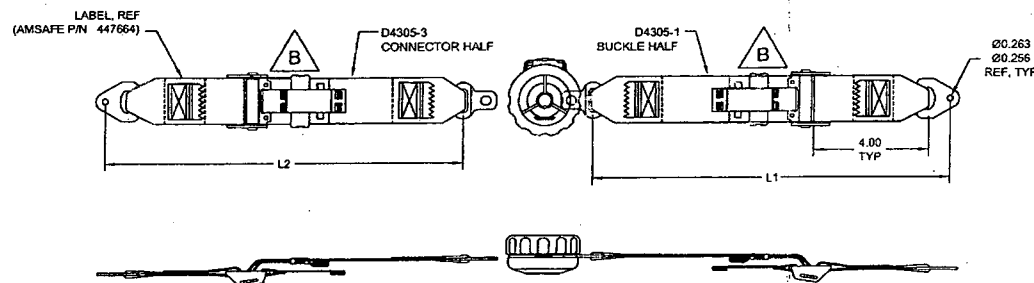
It is important to understand that the existence of this document alone does not automatically constitute authority to install the part/component/assembly.

Where the user/installer performs work in accordance with the national regulations of an airworthiness authority different than the airworthiness authority of the country specified in Block 1, it is essential that the user/installer ensures that his/her airworthiness authority accepts parts/components/assemblies from the airworthiness authority of the country specified in Block 1.

Statements in Blocks 14 and 19 do not constitute installation certification. In all cases, aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.

SPECIFICATION CONTROL DRAWING

DART P/N	VENDOR P/N	DESCRIPTION	VENDOR	L1	L2	L3	L4	L5	L6
D4305-1	4181-2011912396	BUCKLE HALF	AMSAFE	30.00					
D4305-3	4181-2031912396	CONNECTOR HALF	AMSAFE		30.00				
D4305-5	4181-2071912396	SHOULDER HARNESS	AMSAFE			49.00	4.00-26.00	22.00	40.00



NOTES:

- 1) PURCHASE: AMSAFE INC. P/N: 4181-2-191-2396
4 POINT SHOULDER HARNESS WITH BUCKLE ASSEMBLY
MEETS REQUIREMENTS OF TSO-C114
CHROME HARDWARE PLATING AND BLACK WEBBING
- 2) FINISH: N/A
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: N/A
- 6) IDENTIFICATION: USE PLASTIC ENGRAVED TAGS AND LABEL PER FAR 21.607
TO CONTAIN THE FOLLOWING AT MINIMUM:
MANUFACTURER P/N: 4181-2-191-2396
CUST P/N: D4305-041
RATED: 3000 LBS DATE OF MFG
CONFORMS TO FAA TSO-C114
- 7) WEIGHT: 3.36 lbs

D4305-041 SHOULDER HARNESS

RELEASED
2012-05-28

B	REVERSED ORIENTATION OF ADJUSTER ASSEMBLIES ON D4305-1 AND D4305-3. L1 & L2 WERE 24.00. L4 REDEFINED. L3 WAS L5 AND WAS 18.00. L6 ADDED. L5 WAS L6 AND WAS 30.00. UPDATE AMSAFE PART NUMBERS.	RP	12.05.25
A	NEW ISSUE	RF	10.11.26
REV.	DESCRIPTION	BY	DATE
DESIGN	RF		
DRAWN	RP		
CHECKED			
MFG. APPR.			
APPROVED			
DE APPR.			
DATE	12.05.25		

DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWING NO. DSC-D4305	REV. B SHEET 1 OF 1
TITLE SHOULDER HARNESS	SCALE NTS
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C212/06/01
W/O: 84877